WARNING: This alert identifies hazards that may cause serious personal injury or death.

CAUTION: This alert identifies hazards that may cause minor personal injury, product damage, or property damage.

Type BF applied part

Disposal: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Follow instructions for use

Non-Contact Forehead Thermometer 275DI

Introduction

• Your new infrared forehead thermometer uses advanced infrared (IR) technology to measure temperature instantly and accurately on the forehead or on an object/surface.

• Easy to use and less measurement time

To ensure safety and hygiene, this thermometer does not need to make contact with the body or an object. Its ergonomic design makes this thermometer simple and very easy to use. It only takes 1 second to take a forehead measurement.

• Body and object modes

This thermometer offers a wide measurement range feature from 0°C to 100.0°C (32.0°F to 212.0°F), meaning the unit can be used as a forehead thermometer to measure body temperature or it can be used to measure object/surface temperature of the following:

- Milk surface temperature in a baby’s bottle
- Surface temperature of a baby’s bath
- Ambient temperature
- Colour visible indication of alarm and alarm sounds

When body temperature is 37.5°C (99.5°F) or higher, LED light indicator will light up red and an alarm sounds 10 times.

• Memory function

Thermometer stores 20 measurements.

• Auto power off

Automatically power off if left idle for approximately 60 seconds.

• Measurement

Measurement time interval in 1 second and the measurement distance is within 1.3 cm.

Please read the manual carefully before you use the unit and keep for future reference.

Intended Use:
The Non-Contact Forehead Thermometer is intended for intermittent measurement and monitoring of human body temperature from the forehead or an object.

Safety Information

To assure the correct use of the product, basic safety measures should always be followed including the warning and the caution listed in the instruction manual:

Symbol Descriptions:
The following symbols may appear in this manual, on the label, on the device or on its accessories. Some of the symbols represent standards and compliances associated with the device and its use.

Note: The body mode is used to measure the forehead temperature and the object mode is used to measure the object temperature.

Proper Use of the Unit

Pro-Measurement

About Normal Body Temperature & Fever

The temperature in the forehead and temple area differs from the internal temperature, which is taken orally or rectally. Vasoconstriction, an effect which constricts the blood vessels and cools the skin can occur during the early stages of a fever. In this case, the temperature measured by the infrared thermometer may be unusually low. If the measurement does not match the patient’s own perception or is unusually low, repeat the measurement every 15 minutes. As a reference, you can also measure the internal body temperature using a conventional oral or rectal thermometer. Body temperature can vary from one individual/person to next. It also varies by location on the body and time of day. Below shows the statistical normal ranges from different body sites.

Please keep in mind that temperatures measured from different sites, even at the same time, should not be directly compared. Fever indicates that the body temperature is higher than normal. This symptom may be caused by infection, overheating or inflammation. Some people may not experience fever even when they are ill. These include, but are not limited to, infants younger than 3 months old, persons with compromised immune systems, persons taking antibiotics, steroids or antipyrines (aspirin, ibuprofen, acetaminophen), or persons with chronic illnesses. Please consult your physician when you feel ill even if you do not have fever.

Table 1 – Body Site Normal Temperature Ranges

<table>
<thead>
<tr>
<th>Body Site</th>
<th>Oral</th>
<th>Rectal/Ear</th>
<th>Axillary (armpit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6°C (1°F) or more</td>
<td>0.3°C to 0.6°C (0.5°F to 1°F)</td>
<td>0.2°C to 0.6°C (0.5°F to 1°F)</td>
<td></td>
</tr>
<tr>
<td>Above or below 37°C (98.6°F)</td>
<td>Higher than oral temperature</td>
<td>Lower than oral temperature</td>
<td></td>
</tr>
</tbody>
</table>

Note: Body temperature at webMD Website: http://firstaid.webmd.com/body-temperature; retrieved at 2010 Jan. 7.
Using As a Body Thermometer
1. Press the START/STOP button, all symbols appear on the display, you will hear 1 short beep, then unit “°C” on the display will start to flash.
2. Press the SET button to select Body Mode, the temperature unit flashes.
3. Move the probe close to the forehead make sure the probe is flat and take measurement with a distance between 1.3 cm. Press the START/STOP button, the thermometer will take the measurement.
4. Once the measurement is complete, you will hear 1 short beep and the measurement will be displayed on the screen and the LED light indicator will blink.

Note:
- If the reading is <37.5°C (99.5°F), the display and the LED light indicator will be green and 1 short beep will sound.
- If the reading is a 37.5°C (99.5°F) and <43°C (109.4°F), the LED light indicator will be red and 10 short beeps will sound to indicate a fever.
- Only after the “°C” starts to flash again, the thermometer can take another measurement.
- As the forehead measurement temperature is likely to be affected by sweat, oil, and the surroundings, the reading shall be taken as a reference only.
- If the probe is placed at an angle close to the forehead measurement, the reading will be affected by surrounding temperature.
- Babies skin reacts very quickly in the ambient temperature. Therefore, do not take their temperature with the non-contact thermometer during/after breastfeeding because skin temperature maybe lower than the internal body temperature.

Clearing the Memory
If you are certain you want to delete all stored measurements permanently, press and hold the MEM button for 8 seconds until “CLR” appears when the power is off. “CLR” will flash 3 times and 3 short beeps will sound to indicate all stored measurements have been deleted.

Error Messages
- In Body Mode, measured temperature is above measuring range of 43°C (109°F), it is shown along with the red LED light indicator.
- In Body Mode, measured temperature is below measuring range of 32°C (89.6°F), it is shown along with the red LED light indicator.
- In Object Mode, measured temperature is above measuring range 100.0°C/212°F or environmental temperature is above system operating range 40°C/104°F, it is shown along with the red LED light indicator.
- In Object Mode, measured temperature is below measuring range 0.0°C/32.0°F, or environmental temperature is below system operating range 5°C/41°F, it is shown along with the red LED light indicator.
- Low battery, replace all the batteries with new AAA batteries.
- Thermometer system fails or affected by electromagnetic field.

Care and Maintenance
- Clean the unit with a soft dry cloth. Do not use any abrasive or volatile cleaners.
- Neverimmerse the unit or any of its components in liquid.

Memory-Recall of Measurements
The Non-contact Forehead Thermometer automatically stores 20 measurements. The oldest measurement will be replaced by the newest measurement when the memory is full.

Press the MEM button to enter the memory mode when the thermometer is powered off. Each time you press the MEM button, a number (from 1 to 20) will be displayed along with the symbol M, 1 second later, the measurement will be shown. Subsequent measurements can be displayed one after the other by pressing the MEM button each time.

Note: Reading number “1” is the newest measurement, “20” is the oldest measurement. When the oldest measurement is displayed, pressing the MEM button again will take you back to number 1.

Clear of Defects
If at any time, you are not completely satisfied with the performance of this device, call our BIOS Medical Hotline and speak with a customer service representative, who will make arrangements to have the device repaired or replaced to your full satisfaction.

You have questions regarding the operation of your thermometer call the BIOS Medical Hotline: 1-866-536-2289

Repair Department
16975 Leslie Street
Newmarket, ON L3Y 9A1
www.biosmedical.com
Email: support@biosmedical.com

Please include your name, return address, phone number, and email address. Thermon will repair or replace (at Thermon’s option) free of charge any parts necessary to correct the defect in material or workmanship.

Please allow 10 days for repair and return shipping.

Note: We will not be responsible for any quality problem if you do not care and maintain the product as instructed.

Specifications:

<table>
<thead>
<tr>
<th>Description</th>
<th>Non-Contact Forehead Thermometer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>LCD digital display</td>
</tr>
<tr>
<td>Measuring localization</td>
<td>Forehead and object surface</td>
</tr>
<tr>
<td>Temperature range</td>
<td>Body mode: 32.0°C - 43.0°C</td>
</tr>
<tr>
<td></td>
<td>(89.6°F - 109°F)</td>
</tr>
<tr>
<td></td>
<td>Object mode: 0.0°C - 100.0°C</td>
</tr>
<tr>
<td></td>
<td>(32.0°F - 212°F)</td>
</tr>
<tr>
<td>Temperature unit</td>
<td>°C</td>
</tr>
<tr>
<td>Display resolution</td>
<td>0.1°C</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.2°C / ±0.4°F</td>
</tr>
<tr>
<td>Memory function</td>
<td>20 sets of measurements</td>
</tr>
<tr>
<td>Power source</td>
<td>2 x AAA alkaline batteries</td>
</tr>
<tr>
<td>Automatic power off</td>
<td>In 60s Manual shutdown in 8s</td>
</tr>
<tr>
<td>Main unit weight</td>
<td>Approx. 75g</td>
</tr>
<tr>
<td>Main unit size</td>
<td>L115mm<em>W53mm</em>H41mm</td>
</tr>
<tr>
<td>Battery life</td>
<td>Could be used for 300 times in normal conditions</td>
</tr>
<tr>
<td>Operating environment</td>
<td>Body mode: 10.0°C – 40.0°C / 50.0°F – 104.0°F</td>
</tr>
<tr>
<td></td>
<td>Object mode: 5.0°C – 40.0°F / 41.0°F – 104.0°F</td>
</tr>
<tr>
<td>Storage environment</td>
<td>Temperature: 20°C – 50°C / -4.0°F – 122.0°F</td>
</tr>
<tr>
<td></td>
<td>Humidity: 5% - 95%RH</td>
</tr>
</tbody>
</table>

Clinical Measurement Accuracy and Safety Verification:
The product has passed clinical trials. The measured results of the infrared forehead thermometer were compared with the measured results of mercury thermometers, the deviation average 0.1 – 0.011°C not exceeding 0.3°C, the clinical standard. Therefore, the deviation average and the clinical repeatability of the infrared forehead thermometer are compiled with the regulatory requirement ISO 80601-2-56. The conclusions are drawn from the clinical trials, the accuracy and safety are compiled with the regulatory requirement.

2 Year Warranty
Tip 1: If the measurement is not correct, you can check the thermometer by touching the probe to a flat surface, the reading will be displayed
Tip 2: If the battery is low, the LED light indicator will blink,
Tip 3: If the battery is dead, the device will not work.
Tip 4: If the battery is dead, the device will not work.
Tip 5: If the battery is dead, the device will not work.
Tip 6: If the battery is dead, the device will not work.
Tip 7: If the battery is dead, the device will not work.
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